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OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

Edited by

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Secretary to the Commission

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OPINION 157

Three names in the Order Hymenoptera
(Class Insecta) added to the *Official List of
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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

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OPINION 157.

THREE NAMES IN THE ORDER HYMENOPTERA (CLASS INSECTA) ADDED TO THE OFFICIAL LIST OF GENERIC NAMES IN ZOOLOGY.

SUMMARY.—The names *Cryptus* Fabricius, [1804–1805],¹ *Arge* Schrank, 1802, and *Diprion* Schrank, 1802 (Class Insecta, Order Hymenoptera), with the types specified in paragraph 7 of the present *Opinion*, are hereby added to the *Official List of Generic Names in Zoology* as Names Nos. 602 to 604.

I.—THE STATEMENT OF THE CASE.

Attention was first drawn by Professor James Chester Bradley in 1919 (*Trans. ent. Soc. Lond.* 1919 : 50–75) to certain serious difficulties in the Order Hymenoptera (Class Insecta) that would arise from the strict application of the rules as regards names first published in the so-called “Erlangen List.” These difficulties led Professor Chester Bradley to consult the leading systematic workers in the Hymenoptera in all countries on the course of action to be pursued. As the result of these consultations, the following petition signed by Professor Chester Bradley and 59 other hymenopterists was submitted to the International Commission :—

The conservation of *Cryptus* and *Pteronus*

Cryptus Jurine, 1801, Type *C. segmentaria* Panzer (see Bradley, 1919, p. 54) is a sawfly. But the name has been universally used in the sense of Fabr., 1804, for a genus of ichneumon wasps, typical of the universally recognised subfamily CRYPTINAE. *Cryptus segmentaria* Panzer is congeneric with *Tenthredo enodis* L., the genotype of *Arge*, today recognised as the type genus of a family of sawflies.

Pteronus Jurine, 1801, Type *Tenthredo pini* L. (see Morice and Durrant, 1915, p. 380 and Rohwer, 1911, p. 88 and 98) has been in common use until *Pteronidea* was proposed by Rohwer (*loc. cit.*) to replace it, for a genus of TENTHREDINIDAE of the subfamily NEMATINAE. But *Tenthredo pini* is type of *Diprion* Schrank, 1802, the type genus of the family called by Rohwer DIPRIONIDAE. This group has been universally known as LOPHYRIDAE or LOPHYRINAE, the genus *Lophyrus* Latr., 1802, having as its type

¹ Fabricius's *Systema Piezatorum* was probably not published until the beginning of 1805 and if published in 1804 must have been published at the very end of that year (see Griffin, 1935, in Richards, *Trans. R. ent. Soc. Lond.* 83 : 144). Names first published by Fabricius in this work should therefore be dated 1804–1805 and the date should be cited in square brackets.

also *Tenthredo pini* L., but since it was preoccupied in Mollusca by Poli in 1791, it has been recently replaced by *Diprion*.

The changes from the universal usage of more than a century necessitated by the above facts under the application of the Code are hereunder tabulated:—

Cryptus of authors becomes: *Itamoplex* Foerster (see Cushman, R. A., *Proc. Washington Academy of Sci.*, 1925, 15 : 289).

CRYPTINI of authors becomes: ITAMOPLEGINI*; MESOSTENINI according to Cushman.

CRYPTINAE of authors becomes: ITAMOPLEGINAE*; GELIDINAE according to Cushman.†

Arge Schrank and auctt. becomes: *Cryptus* Jurine nec auctt.

ARGINAE of Rohwer becomes: CRYPTINAE.

ARGIDAE of Rohwer becomes: CRYPTIDAE.

Pteronius of authors becomes: *Pteronidea* Rohwer.

Lophyrus Latr. and authors (nec Poli) } become: *Pteronius* Jurine

Diprion Schrank, a synonym of *Lophyrus* } nec auctt.

LOPHYRINAE auctt., DIPRIONINAE Rohwer, becomes PTERONINAE.

Since to follow the rules in these cases would involve great confusion, and would leave uncertainty in the future as to the sense in which these family names were used and would dissociate the future literature from the past to the utmost confusion of scholars, therefore the undersigned, hopeful of relief, respectfully petition the Commission to invoke the plenary power bestowed upon them by action of the Monaco Congress, and to take action as follows, to wit:

- (1) to suspend the rules in the case of the generic names *Cryptus*, *Arge* and *Pteronius*;
- (2) to permanently reject:
 - (a) *Cryptus* Jurine, 1801, and Panzer, 1804, type *C. segmentaria* Panzer;
 - (b) *Pteronius* Jurine, 1801, and Panzer, 1804, type *Tenthredo pini* L.;
- (3) to validate:
 - (a) *Arge* Schrank, 1802, type *Tenthredo enodis* L.;
 - (b) *Cryptus* Fabr., 1804, type *C. viduatorius* Fabr.;
 - (c) *Lophyrus* Latr., 1802, type *Tenthredo pini* (in spite of *Lophyrus* Poli, 1791, in Mollusca §) or *Diprion* || Schrank, 1802, type *Tenthredo pini*;
- (4) to place on the *Official List of Generic Names in Zoology*:
 - (a) *Cryptus* Fabricius, 1804, type *C. viduatorius* Fabr., as the correct name for a genus of ichneumon-wasps;
 - (b) *Arge* Schrank, 1802, type *Tenthredo enodis* L., as the correct name for a genus of sawflies;
 - (c) *Lophyrus* Latr., 1802, or *Diprion* Schrank, || 1802, type *Tenthredo pini*, as the valid name of a genus of sawflies.

* On the grounds that CRYPTINAE auctt. was based on *Cryptus* Fabr., a homonym of *Cryptus* Jurine, that its type genus must not be changed, but only the name thereof, and that if the name of the type genus changes to *Itamoplex*, or otherwise the subfamily will be based on the changed name.

† On the basis of *Gelis* being the oldest contained name although a name not hitherto used as type of a group name.

§ *Lophyrus* is no longer a recognised or a valid name in Mollusca.

|| *Diprion* only in case the Commission is unwilling to validate *Lophyrus*.

2. The following is the list of signatures attached to the above petition at the time of its submission to the International Commission :—

C. T. Brues	R. Benoist *	H. Haupt
Jos. Bequaert	J. D. Alfken *	H. Brauns †
G. Grandi	A. Krausse	L. Berland
A. B. Gahan *	M. Wolff	A. A. Oglobin
T. H. Frison *	J. G. Betrem	O. W. Richards
A. R. Park *	R. Fouts	P. P. Babiy
H. H. Ross *	G. Arnold	V. S. L. Pate
J. M. Dusmet	A. Handlirsch	J. C. Bradley
W. M. Wheeler *	I. Micha	G. Enderlein
G. T. Lyle	H. Hacker	T. Uchida †
R. A. Cushman *	A. C. Kinsey *	O. Vogt †
E. A. Elliott	H. de W. Marriott	H. Habermehl †
A. Crevecoeur	P. Maidl	E. Kruger †
W. M. Mann	P. Roth	W. Hellen †
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H. von Ihering †	A. von Schulthess	O. Schmiedeknecht †
A. C. W. Wagner	R. B. Benson *	N. N. Kuznezov-
H. Hedicke	H. F. Schwarz	Ugamtsky †
H. Bischoff	W. V. Balouf *	F. E. Lutz
L. Masi	D. S. Wilkinson *	L. H. Weld *

* In accord with results sought by the petition without having studied the points involved in the particular case.

† Evidently intended to subscribe to this petition, but sheet bearing his signature was not included in his reply.

‡ Deceased.

II.—THE SUBSEQUENT HISTORY OF THE CASE.

3. This case was circulated to the members of the International Commission in January 1935, when it was arranged that it and the other Hymenoptera cases submitted at the same time should be dealt with at Lisbon in September of that year, by which time the recommendations of the International Committee on Entomological Nomenclature would be available.

4. This case was considered by the International Committee on Entomological Nomenclature at its meeting held at Madrid in the second week of September 1935 during the Sixth International Congress of Entomology. After careful consideration the Committee decided to frame its recommendations to the International Commission on Zoological Nomenclature, first on the assumption that the Commission would agree to use their plenary powers to suppress the "Erlangen List" in which the names *Cryptus* Jurine, 1801, and *Pteronius* Jurine, 1801, were published, and second on the assumption that the Commission would not be able to see their way to deal with the problem in

this radical fashion. The International Committee accordingly agreed upon the following recommendations :—

(a) if the "Erlangen List" was suppressed :

- (i) there would be no need for the International Commission to use their plenary powers to suppress the names, *Cryptus* Jurine, 1801, and *Pteronus* Jurine, 1801, since both those names would cease to be available nomenclatorially if the "Erlangen List" was suppressed;
- (ii) In the petition the date 1804 had been assigned to the names *Cryptus* Panzer and *Pteronus* Panzer; but the second of these names was certainly not published until 1805, while the date of the first was uncertain. In these circumstances no question of the suspension of the rules would arise for *Pteronus* Panzer and suspension would not be essential in the case of *Cryptus* Panzer.
- (iii) the name *Lophyrus* Latreille, [1802–1803],² (in Sonnini's Buffon) *Hist. nat. gén. partic. Crust. Ins.* 3 : 302, was to be preferred to *Diprion* Schrank, 1802, *Fauna boic.* 2 (2) : 209, for the genus of sawflies referred to in paragraph 4(c) of the summary to the petition, but no serious confusion would arise if the Commission felt reluctant to use their plenary powers to validate *Lophyrus* Latreille by suppressing the name *Lophyrus* Poli, 1791, *Test. Sicil.* 1 : 2, 4.³
- (iv) In the circumstances contemplated, it would therefore be sufficient if the International Commission were to add the names *Cryptus* Fabricius, [1804–1805], *Arge* Schrank, 1802, and *Diprion* Schrank, 1802, to the *Official List of Generic Names in Zoology*, with the types indicated in paragraph 4 of the summary to the petition;⁴

(b) if the "Erlangen List" was not suppressed :

- (i) In order to secure the desired result, it would be necessary for the International Commission to use their plenary powers to suppress the names *Cryptus* Jurine, 1801, and *Pteronus* Jurine, 1801, and, as the use of the plenary powers would in any case be necessary in order to deal with this case, the Commission might consider it convenient also to use those powers to suppress *Cryptus* Panzer, in order to eliminate the possibility of subsequent discussion in regard to the relative priority of that name and *Cryptus* Fabricius;
- (ii) Once the Commission had used their plenary powers in the foregoing sense, the position would be similar to that which would exist if the "Erlangen List" was suppressed, and in consequence the recommendations set out in (a) (iii) and (iv) above would apply.

5. The recommendations agreed upon by the International Committee on Entomological Nomenclature, as set out in paragraph 4 above, together with the other resolutions adopted by the

² This volume is dated "An X" in the French Republican calendar. It was, therefore, published between 23rd September 1801 and 22nd September 1802 (see Griffin, 1939, *J. Soc. Bibl. nat. Hist.* 1 (9) : 249).

³ The genus *Lophyrus* Poli, 1791, belongs to the Class and Order Polyplacophora.

⁴ For the text of the petition here referred to, see paragraph 1 of the present *Opinion*.

Committee during its meeting held at Madrid were confirmed by the Sixth International Congress of Entomology at the Concilium Plenum held at Madrid on 12th September 1935.

6. At their meeting held at Lisbon on the morning of Monday, 16th September 1935 (Lisbon Session, 2nd Meeting, Conclusion 13⁵), the International Commission unanimously agreed to use the plenary powers conferred upon them by the Ninth International Congress of Zoology at Monaco in 1913, in order to suppress the "Erlangen List." When, therefore, at their meeting held on the afternoon of the same day (Lisbon Session, 3rd Meeting, Conclusion 2⁶) the Commission came to consider the present case, they found that it was only necessary to take into account the recommendations of the International Committee on Entomological Nomenclature set out in section (a) of paragraph 4 above, since those in section (b) were no longer applicable.

III.—THE CONCLUSION REACHED BY THE INTERNATIONAL COMMISSION.

7. After careful consideration, the International Commission decided to adopt the recommendations submitted in this case by the International Committee on Entomological Nomenclature as summarised in section (a) (iv) of paragraph 4 above, and accordingly agreed (Lisbon Session, 3rd Meeting, Conclusion 2⁷) :—

- (a) to place on the *Official List of Generic Names in Zoology* the under-mentioned six nomenclatorially available generic names, with types as shown, each of which has been duly designated in accordance with the provisions of the International Code :—

Name of genus	Type of genus
(4) <i>Cryptus</i> Fabricius, [1804–1805], <i>Syst. Piezat.</i> : 70	<i>Cryptus viduatorius</i> Fabricius, [1804–1805], (same reference as generic name <i>Cryptus</i>) (type designated by Curtis, 1837, <i>Brit. Ent.</i> 14 : pl. 668)
(5) <i>Arge</i> Schrank, 1802, <i>Fauna boic.</i> 2 (2) : 209	<i>Tenthredo enodis</i> Linnaeus, 1767, <i>Syst. Nat.</i> (ed. 12) 1 (2) : 922 (type designated by Rohwer, 1911, <i>Tech. Ser. U.S. Bur. Ent.</i> 20 (2) : 74)

⁵ See 1943, *Bull. zool. Nomencl.* 1 : 13–14.

⁶ See 1943, *Bull. zool. Nomencl.* 1 : 27–30.

⁷ Only those portions of Conclusion 2 which refer to the present case are here quoted. For the full text of Conclusion 2, see 1943, *Bull. zool. Nomencl.* 1 : 27–30.

- (6) *Diprion* Schrank, 1802, *Tenthredo pini* Linnaeus, 1758,
Fauna boic. 2 (2) : 209 *Syst. Nat.* (ed. 10) 1 : 556
 (type designated by Rohwer, 1910,
Proc. U.S. nat. Mus. 39 : 103)

.....
 (e) to render *Opinions* in the sense of (a) to (d) above.

8. The foregoing decisions were embodied in paragraph 25 of the report ⁸ which at their meeting held on the morning of Wednesday, 18th September 1935, the Commission (Lisbon Session, 5th Meeting, Conclusion 6) unanimously agreed to submit to the Twelfth International Congress of Zoology. That report was unanimously approved by the Section on Nomenclature at its joint meeting with the International Commission held on the afternoon of the same day. It was thereupon submitted to the Twelfth International Congress of Zoology by which it was unanimously approved and adopted at the Concilium Plenum held on the afternoon of Saturday, 21st September 1935, the last day of the Congress.

9. The present *Opinion* was concurred in by the twelve (12) Commissioners and Alternates present at the Lisbon Session of the International Commission, namely :—

Commissioners :—Calman ; Hemming ; Jordan ; Pellegrin ; Peters ; and Stejneger.

Alternates :—do Amaral *vice* Cabrera ; Ohshima *vice* Esaki ; Bradley *vice* Stone ; Beier *vice* Handlirsch ; Arndt *vice* Richter ; and Mortensen *vice* Apstein.

10. The present *Opinion* was dissented from by no Commissioner or Alternate present at the Lisbon Session. Nor since that Session has any Commissioner who was not present on that occasion indicated disagreement with the conclusions then reached by the Commission in this matter.

11. The following five (5) Commissioners who were neither present at the Lisbon Session of the International Commission nor represented thereat by Alternates did not vote on the present *Opinion* :—

Bolivar y Pieltain ; Chapman ; Fantham ; Silvestri ; and Stiles.

12. At the time when the vote was taken on the present *Opinion*, there was one (1) vacancy in the Commission consequent upon the death of Commissioner Horváth.

⁸ See 1943, *Bull. zool. Nomencl.* 1 : 58-59.

IV.—AUTHORITY FOR THE ISSUE OF THE PRESENT
OPINION.

WHEREAS the By-Laws of the International Commission on Zoological Nomenclature provide that, except in cases involving the suspension of the rules, an *Opinion* is to be deemed to have been adopted by the said International Commission as soon as a majority of the Members of the Commission, that is to say ten (10) Members of the said Commission, have recorded their votes in favour thereof, provided that, where any proposed *Opinion* involves a reversal of any former *Opinion* rendered by the Commission, such proposed *Opinion* shall obtain the concurrence of at least fourteen (14) Members of the Commission voting on the same before such *Opinion* is to be deemed to have been adopted by the Commission; and

WHEREAS the present *Opinion*, as set out in the summary thereof, neither requires, in order to be valid, the suspension of the rules, nor involves a reversal of any former *Opinion* rendered by the Commission; and

WHEREAS twelve (12) Members of the Commission have signified their concurrence in the present *Opinion* either in person or through Alternates at the Session of the Commission held in Lisbon in September 1935;

NOW, THEREFORE,

I, FRANCIS HEMMING, Secretary to the International Commission on Zoological Nomenclature, acting in virtue of all and every the powers conferred upon me in that behalf by reason of holding the said Office of Secretary to the International Commission, hereby announce the said *Opinion* on behalf of the International Commission, acting for the International Congress of Zoology, and direct that it be rendered and printed as *Opinion* Number One Hundred and Fifty Seven (*Opinion* 157) of the said Commission.

In faith whereof I, the undersigned FRANCIS HEMMING, Secretary to the International Commission on Zoological Nomenclature, have signed the present *Opinion*.

DONE in London, this tenth day of May, Nineteen Hundred and Forty Three, in a single copy, which shall remain deposited in the archives of the International Commission on Zoological Nomenclature.

*Secretary to the International Commission
on Zoological Nomenclature.*

FRANCIS HEMMING

THE PUBLICATIONS OF THE COMMISSION.

(obtainable at the Publications Office of the Commission at 41, Queen's Gate, London, S.W.7.)

Bulletin of Zoological Nomenclature.

This journal has been established by the International Commission as their Official Organ in order to provide a medium for the publication of :—

- (a) proposals on zoological nomenclature submitted to the International Commission for deliberation and decision ;
- (b) comments received from, and correspondence by the Secretary with, zoologists on proposals published in the *Bulletin* under (a) above ; and
- (c) papers on nomenclatorial implications of developments in taxonomic theory and practice.

The *Bulletin* was established in 1943, in which year three Parts were published. Part 4 was published in 1944. Parts 5 and 6 are in the press.

Opinions and Declarations Rendered by the International Commission on Zoological Nomenclature.

The above work is being published in three volumes concurrently, namely :—

Volume 1. This volume will contain *Declarations* 1-9 (which have never previously been published) and *Opinions* 1-133 (the original issue of which is now out of print). Parts 1-16 (containing *Declarations* 1-9 and *Opinions* 1-7) have now been published. Further Parts will be published shortly.

Volume 2. This volume will be issued in 52 Parts, comprising all the decisions taken by the International Commission at their meeting at Lisbon in 1935, namely *Declarations* 10-12 (with Roman pagination) and *Opinions* 134-181 (with Arabic pagination). Part 52 will contain the index and title page of the volume. Parts 1-29, containing *Declarations* 10-12 and *Opinions* 134-159, have now been published. Further Parts will be published shortly.

Volume 3. This volume, which commenced with *Opinion* 182, will contain the *Opinions* adopted by the International Commission since their meeting at Lisbon in 1935. Parts 1-4 (containing *Opinions* 182-185) have now been published. Further Parts will be published as soon as possible.

APPEAL FOR FUNDS

The International Commission appeal earnestly to all institutions and individuals interested in the development of zoological nomenclature to contribute, according to their means, to the Commission's Special (Publications) Fund. Of the total sum of £1,800 required to enable the Commission to issue all the publications now awaiting printing, donations amounting to £819 8s. 7d. were received up to 31st December 1944. Additional contributions are urgently needed in order to enable the Commission to continue their work without interruption. Contributions of any amount, however small, will be most gratefully received.

Contributions should be sent to the International Commission at their Publications Office, 41, Queen's Gate, London, S.W. 7, and made payable to the "International Commission on Zoological Nomenclature or Order" and crossed "Account payee. Coutts & Co."